CARVEY CNC Router Guide

		CARVET CNC Router Guid	
1.	Log Into Inventables/Easel Account https://www.inventables.com/ technologies/easel	Use school gmail and password	
2.	Click on Green New Project Button	New project	
		Move Left to Right across the top of EASEL to set up tile BEFORE you start designing tile	
3.	Give tile a title-Include your last name in the title.	Top left	☐ Untitled ★
4.	Click on MACHINE tab	Set machine as CARVEY	Machine Help Shop Machine Carvey Home Park Advanced »
5.	Set Material Type-Click on Birch Plywood to see the drop-down menu	Set Material Type as 2- Color HDPE (don't worry about setting the color-you select color when the tile is shared)	Birch Plywood 12 x 8 x 0.5 in
6.	Set Material Dimensions (same tab)	Width/X: 6 in. Length/Y: 6 in. Thickness/Z: 0.25 in.* (if it does not let you put in the correct Z measurement go back and fix later)	Need Help? Bit and Material Recommendations PRO + Add a Material Material Dimensions Width (X) Set layer thickness Y Set layer thickness
7.	Click on BIT tab	Scroll down select BLUE BIT 1/16 in.	Subscribe to Easel Pro 2-Color HDPE Bit 1/16 in + End Mills Type Size 1/32 ir 1/32 in Fishtail Spiral 1/16 in 1/16 1/16

	START Designing Tile		
8.	To Add TEXT: Click on the T on the left side of the screen	T- creates a text box If you want to change font type you must erase and retype after picking the desired font. To resize text click on it and then use resizing feature.	T
9.	To add Image: Click on on the left side of the screen	Click on Image to add to tile. To resize the image click on it and then use the resizing feature.	T
10.	Look Right: "What you see is what you get."	Continually look to the right of the screen. That is what your tile will look like when carved. Make sure your image and text are sized appropriately so they can be seen.	TEXT :
11.	Set cut depth	Highlight the entire tile: Set cut depth to right below 1/16 in.	Cut Shape -0' -1/16' -1/8' -3/16' -1/4' Depth 0.07802

See Below to Send Carvey Tile to machine

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	SEND TILE to SMS Makerspace Carvey Machine		
1	Click on File tab	Top left of screen	File
1	Click on Share		File Edit Mach New Open Ctrl O Rename Make a copy Import SVG Import g-code Download ZIP Share Publish
1	Click on shared with link.		Private You are the only one who can view this project. Shared with link Anyone with this link can open your project in Easel for customizing or carving. iittps://easel.inventables.com/projects/LivXaYYJby0ecz0cibEDU
1	Copy link	Link is in the box NOT at the top of the page.	Shared with link Anyone with this link can open your project in Easel for customizing or carving. inttps://easel.inventables.com/projects/L17XaYY.lby0eCz0G0C
1	Click SAVE		Cancel Save
1	Go to the Carvey page (under the equipment tab) on the SMS Makerspace website.	Fill out the form and paste the copied link. Submit form.	Carvey SMS Student Request Form Upland your list from the inventables Eard website flids given in share box not top of paged if you would list to use Carvey. You must SHARE and SAVE that link on the inventables website. You email address (buttlegisesmustangs.org) will be recorded when you submit this form. Not you? Sentich account. *Required

Questions:

Mrs. Battle <u>jbattle@scsmustangs.org</u>

Stop down to the SMS Makerspace to pick up tile. Tiles are carved in the order received.